APPENDIX XIII - RESOURCE DEPLETION EVENT GENERATING SYSTEM

```
       public class ResourceDepletionEventGeneratingSysSample
 5     {
         private final static int ID_FOR_APP_SAMPLE = 55;    // typically set by the system


         /**
          * The zero argument constructor demonstrates a possible application example where
10        * the application registers to receive error events, logs events, and registers to
          * receive reboot events.  The SysSample class contains that code that will generate
          * a sample reboot event.
          */
         public ResourceDepletionEventGeneratingSysSample()
15       {

            // Create an error event.
            ResourceDepletionEvent rde = new ResourceDepletionEvent(
                           ResourceDepletionEvent.RESOURCE_OUT_OF_SYS_MEM,
20                         0,
                           "TestReboot");

            // Get the default system event logger.
            EventProcessor ep = EventProcessor.getInstance();
25
            for(int i = 0; i < 5; i++)  {

               // Log an error to the default system error handler.
               ep.log(rde);
30             rde.setDate(System.currentTimeMillis());
               rde.setTypeCode(rde.getTypeCode() + 1);
               try
               {
                  Thread.sleep(500);
35             }
               catch (InterruptedException ie)
               {
               }
            }
40       }


                                  }
```